Scotsman™

PRODIGY™ smart thinking

# C1030 – 1000 lb Cube Ice Machine

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## Prodigy™ Modular Cube Ice Maker

Shown on BH801S-A bin.

### Features

Prodigy™ cubers use significantly less energy and water than other cube ice machines, exceeding pending California and Federal energy efficiency regulations.

Auto-Alert™ indicator lights constantly communicate about operating status and actually signal your staff when it's time to descale, sanitize, and more—making upkeep practically foolproof.

The patented WaterSense™ adaptive purge control delivers maximum reliability by reducing scale buildup for a longer time between cleanings.

Preventative maintenance is simpler than ever with easily-removed panels allowing clear access to internal components and a diagnostic code display insuring the right fix the first time. Reusable air filter is easily removable from the outside.

All external panel components are crafted for optimal aesthetic appeal through superior fit and finish.

An optional advanced feature SmartBoard™ provides NAFEM data protocol and additional operational data that can be displayed on-screen or transmitted remotely, resulting in early alert and fast diagnosis of operating issues.

An optional Vari-Smart™ ultrasonic ice level control sensor allows you flexibility to program ice levels, for up to 7 days, keeping just the right amount of freshly made ice in the bin.

### 24 Hour Volume Production

| Air Cooled | | | Remote | | | Water Cooled | | |
|---|---|---|---|---|---|---|---|---|
| 70°F/21°C 50°F/10°C lb/kg | Air Water | ARI 90°F/32°C 70°F/21°C lb/kg | 70°F/21°C 50°F/10°C lb/kg | Air Water | ARI 90°F/32°C 70°F/21°C lb/kg | 70°F/21°C 50°F/10°C lb/kg | Air Water | ARI 90°F/32°C 70°F/21°C lb/kg |
| 1077/490 | | 844/384 | 996/453 | | 851/387 | 1009/459 | | 908/413 |

### Modular Bin Options

* Stainless Steel with Galvanized Back & Bottom.

| Model Number | Dimensions W" x D" x H" | ARI Certified Bin Capacity lb/kg | Application Capacity lb/kg | Finish | Ship Weight lb/kg |
|---|---|---|---|---|---|
| B842S | 42 x 34 x 44 | 610/277 | 778/353 | SS | 185/84 |
| B948S | 48 x 34 x 44 | 700/319 | 893/406 | SS | 220/100 |
| BH1100BB | 48 x 34 x 50 | 860/390 | 1100/499 | SS w/ GBB* | 280/127 |
| BH1100SS | 48 x 34 x 50 | 860/390 | 1100/499 | SS | 280/127 |

Bin: BH1100SS

### Cube Ice

Small Cube
⅞" x ⅞" x ⅜"
(2.22 x 2.22 x .95 cm)

Medium Cube
⅞" x ⅞" x ⅞"
(2.22 x 2.22 x 2.22 cm)

Common ice form, ideal for mixed drinks.

### Warranty

- 3 years parts and labor on all components.
- 5 years parts and labor on the evaporator.
- 5 years parts on the compressor and condenser.

Warranty valid in North, South & Central America.
Contact factory for warranty in other regions.

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Scotsman™
The Smart Choice in Ice.™

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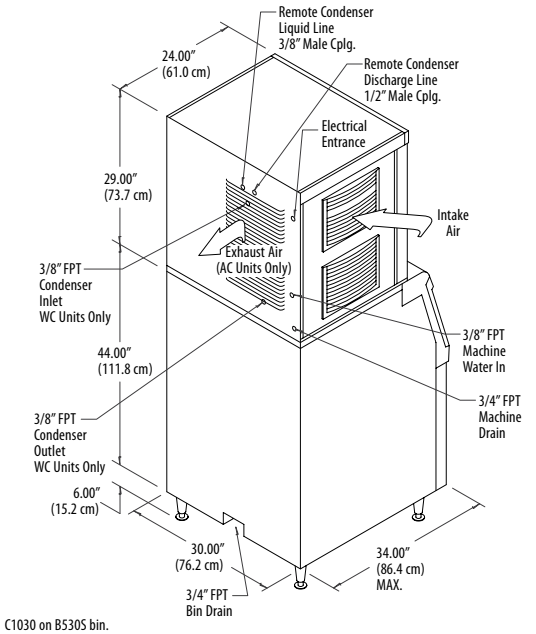
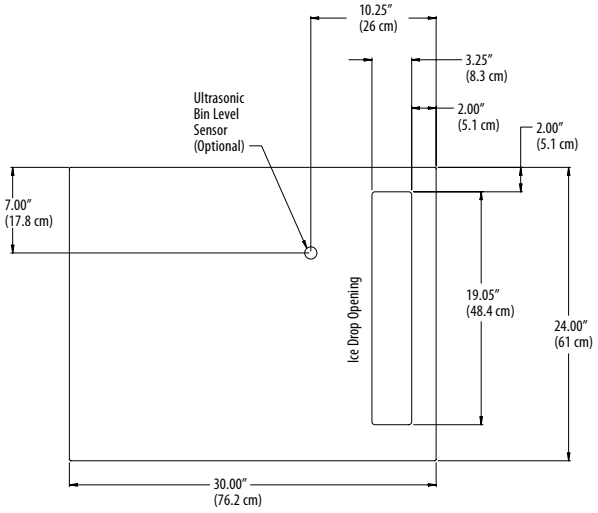

Remote Condenser Liquid Line 3/8" Male Cplg.
24.00" (61.0 cm)
Remote Condenser Discharge Line 1/2" Male Cplg.
Electrical Entrance
29.00" (73.7 cm)
Intake Air
Exhaust Air (AC Units Only)
3/8" FPT Condenser Inlet WC Units Only
3/8" FPT Machine Water In
44.00" (111.8 cm)
3/4" FPT Machine Drain
3/8" FPT Condenser Outlet WC Units Only
6.00" (15.2 cm)
30.00" (76.2 cm)
34.00" (86.4 cm) MAX.
3/4" FPT Bin Drain

C1030 on B530S bin.

Installation Note: Allow 6" space at left, back and right side for ventilation and utility connections.




30" Prodigy plan view.

## Specifications

| | Model Number* Cube Size: medium or small | Condenser Unit | Basic Electrical Volts/Hz/Phase | Max. Fuse Size or HACR Circuit Breaker (amps) | Circuit Wires | Min. Circuit Ampacity | Energy Consumption kWh/100 lb (45.4 kg) 90˚F(32˚C)/70˚F(21˚C) | Water Usage Gallons/100 lb (liters/45.4 kg) Potable 90˚F(32˚C)/ 70˚F(21˚C) | Water Usage Gallons/100 lb (liters/45.4 kg) Condenser 90˚F(32˚C)/ 70˚F(21˚C) |
|---|---|---|---|---|---|---|---|---|---|
| med. | C1030MA-32A | Air | 208-230/60/1 | 20 | 2 | 16.0 | 5.0 | 18.4/69.8 | - |
| med. | C1030MR-32A | Remote | 208-230/60/1 | 20 | 2 | 15.8 | 5.0 | 18.2/69.0 | - |
| med. | C1030MW-32A | Water | 208-230/60/1 | 15 | 2 | 14.8 | 4.0 | 19.7/74.7 | 153.0/580.1 |
| sm. | C1030SA-32A | Air | 208-230/60/1 | 20 | 2 | 16.0 | 5.0 | 18.4/69.8 | - |
| sm. | C1030SR-32A | Remote | 208-230/60/1 | 20 | 2 | 15.8 | 5.0 | 18.2/69.0 | - |
| sm. | C1030SW-32A | Water | 208-230/60/1 | 15 | 2 | 14.8 | 4.0 | 19.7/74.7 | 153.0/580.1 |

* 208-230/60/3 Voltage - Substitute "-3" in place of "-32", i.e. C1030SA-3A.

## All Models

Dimensions (W x D x H):

Unit:
30" x 24" x 29"
(76.2 x 61.0 x 73.7 cm)

Shipping Carton:
33.5" x 27.5" x 34"
(85.1 x 69.9 x 86.4 cm)

Shipping Weight:
235 lb / 107 kg

BTUs per hour:
16,200

## Accessories

| Model Number | Description |
|---|---|
| KVS | Vari-Smart™ Ice Level Control - Program ice bin levels to match ice needs. |
| KSB | Smart-Board™ Advanced Control - Use additional operational data for fast diagnosis. |
| KSB-N | Smart-Board™ Advanced Control with Network - Network capable. |
| ERC311-32A | Remote Condenser for C1030xR, 208-230/60/1 - Consult Remote Condenser Spec Sheet for details. |
| RTE10 | Line set, Precharged, R-404A, 10ft. |
| RTE25 | Line set, Precharged, R-404A, 25ft. |
| RTE40 | Line set, Precharged, R-404A, 40ft. |
| RTE75 | Line set, Precharged, R-404A, 75ft. |

* Scotsman recommends all ice machines have water filtration. See Scotsman Sanitation Matrix for details.

## Operating Requirements

| | Minimum | Maximum |
|---|---|---|
| **Air Temperatures** | 50°F (10°C) | 100°F (38°C) |
| **Water Temperatures** | 40°F (4.4°C) | 100°F (38°C) |
| **Remote Cond. Temps** | -20°F (-29°C) | 120°F (49°C) |
| **Water Pressures** | 20 PSIG (1.4 bar) | 80 PSIG (5.5 bar) |
| **Electrical Voltage** | -5% | +10% |

Specifications and design are subject to change without notice.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